Reviewer’s report

Title: 14-3-3-sigma Induces Heat Shock Protein 70 Expression in Hepatocellular Carcinoma

Version: 3  Date: 14 May 2014

Reviewer: Vince Guerriero

Reviewer’s report:

Reviewer’s report on revisions.

Title: 14-3-3# Induces Heat Shock Protein 70 Expression in Hepatocellular Carcinoma

Reviewer: Vince Guerriero

The authors report that 14-3-3-# is abundantly express in hepatocellular carcinoma tumors. Overexpression of 14-3-3# induces higher expression of heat shock HSF-1# and HSP70. Expression of 14-3-3# was correlated with HSF-1#/HSP70 expression and associated with micro-vascular thrombi. 14-3-3# promoted cell migration and this increase in migration was lowered by knockdown of HSP70 using siRNA. 14-3-3#-induced HSF-1#/HSP70 expression was inhibited by knockdown of #-catenin or activation of GSK-3# suggesting involvement of this signaling pathway.

Comments:

The authors have made the necessary changes as suggested in my initial review.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.